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FIG. 1

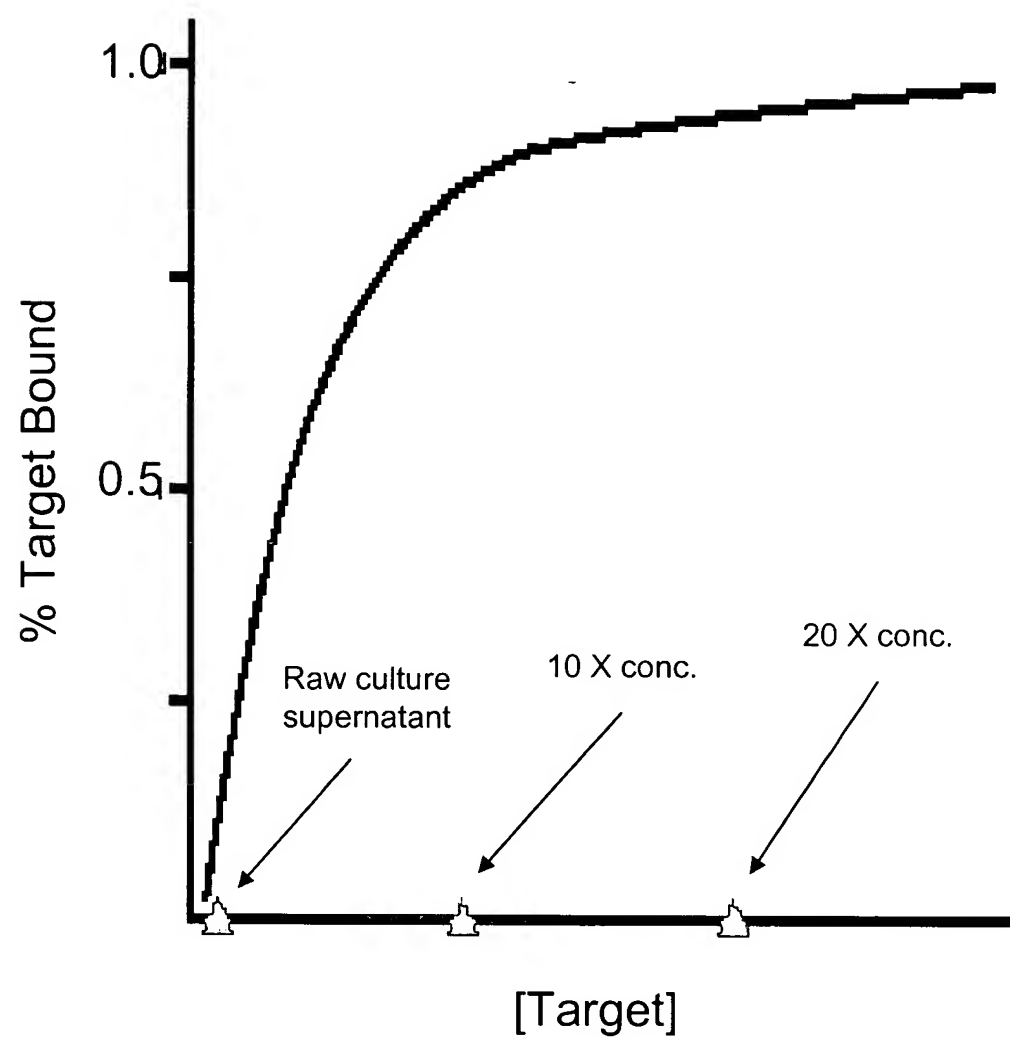


FIG. 2

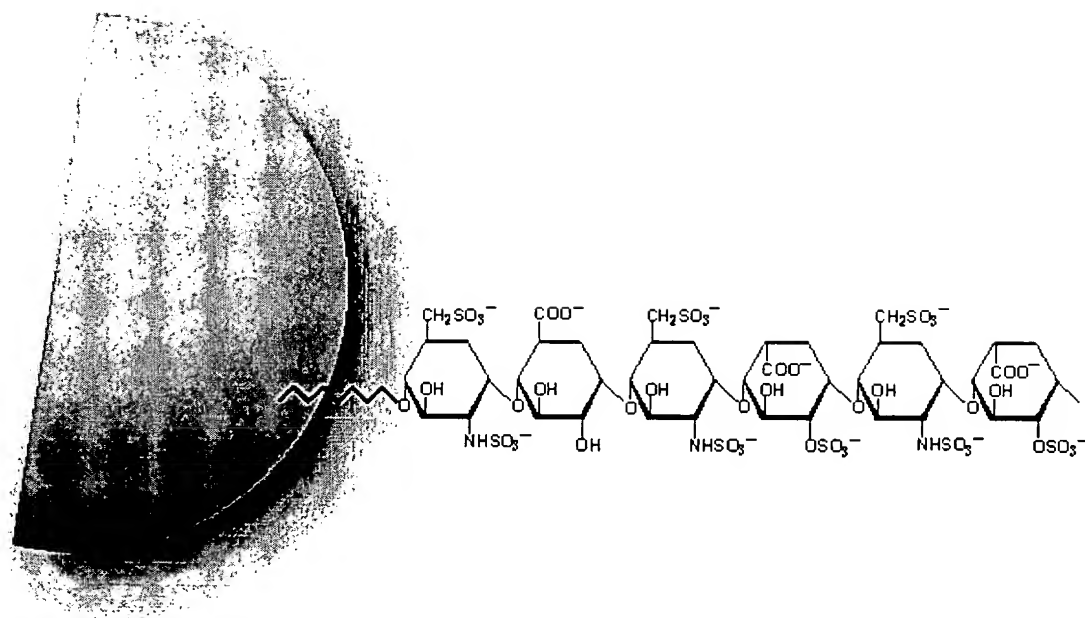
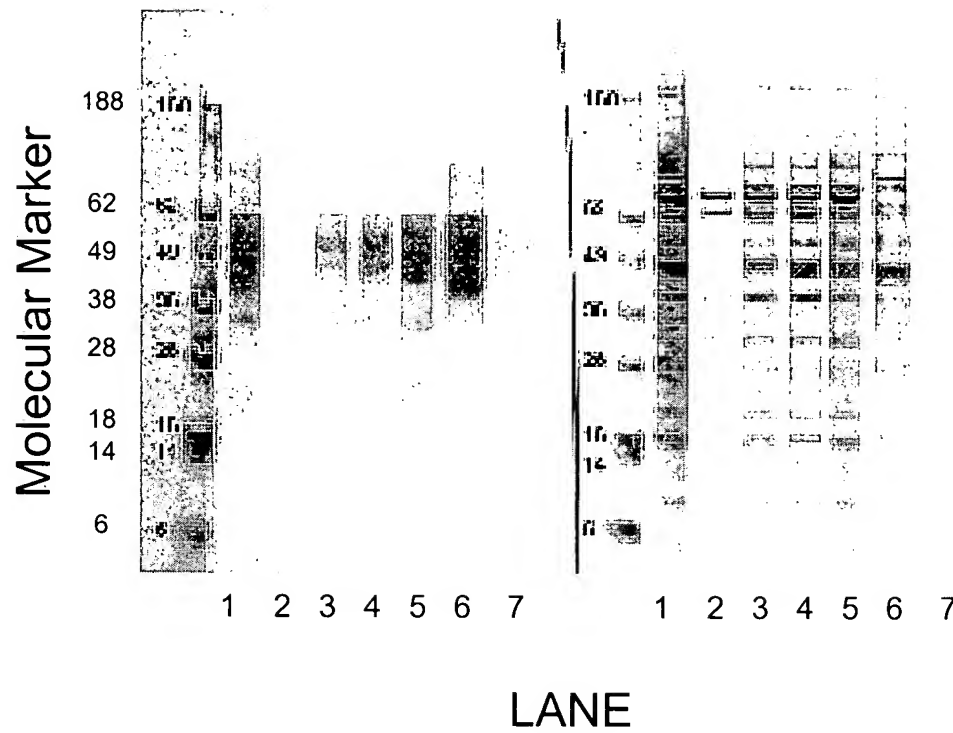


FIG. 3



- LANE
1. Cell culture supernatant
 2. Heparin flow-through, 5% of load
 3. Heparin flow-through, 38% of load
 4. Heparin flow-through, 71% of load
 5. Heparin flow-through, 100% of load
 6. Heparin 500 mM NaCl eluate
 7. Heparin 2M NaCl strip

FIG. 4

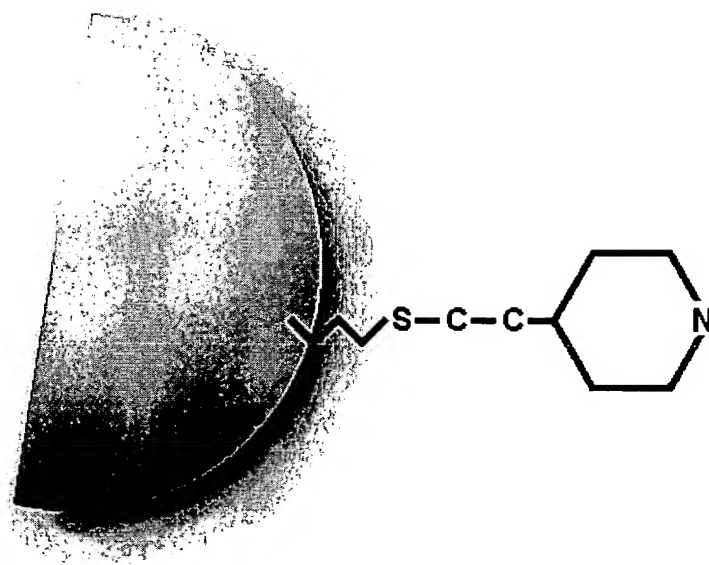
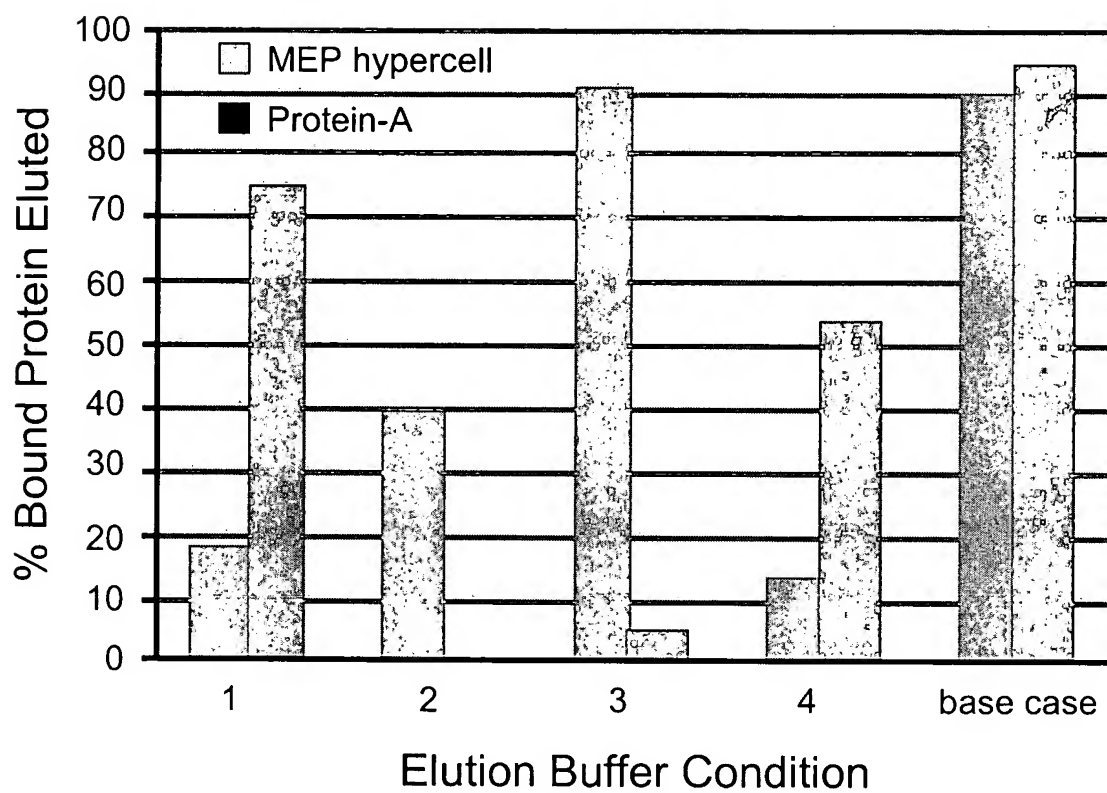


FIG. 5



1. Pierce Ab-Protein elution buffer.
2. 100 mM CAPS, pH 10.5.
3. 100 mM CAPS, 50% ethyl glycol, pH 10.5.
4. 100 mM Tris, 3.5 M, MgCl_2 , 0.1% Tween 80, pH 8.

FIG. 6

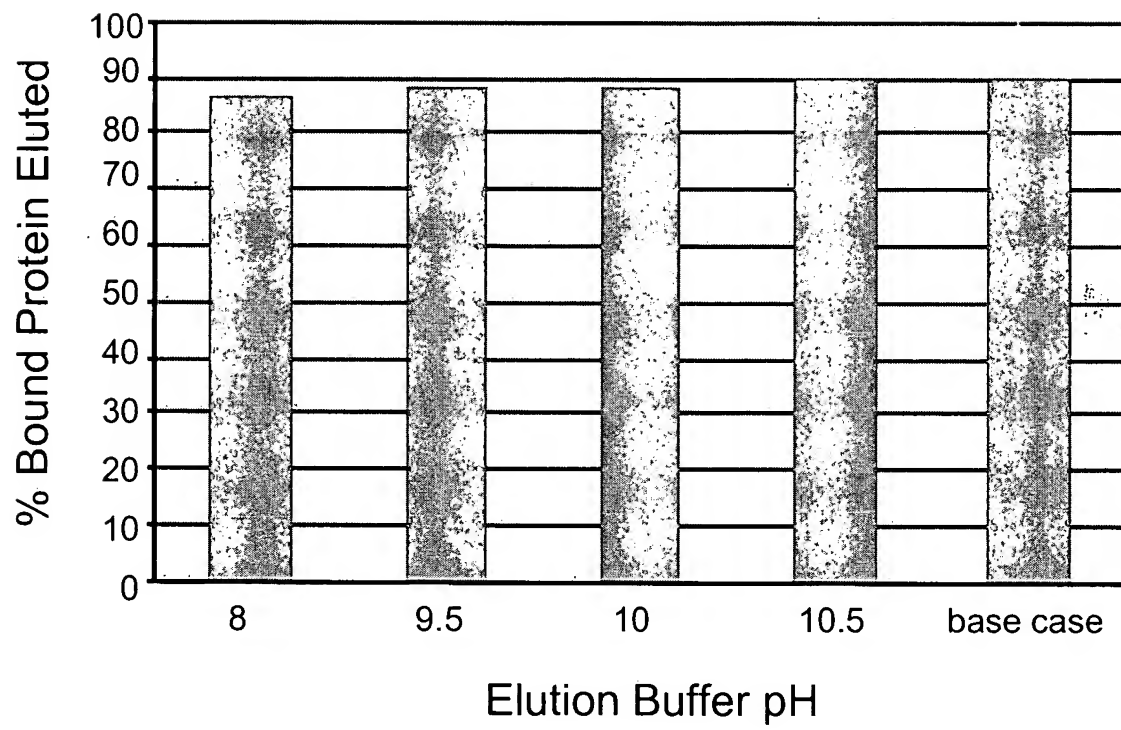
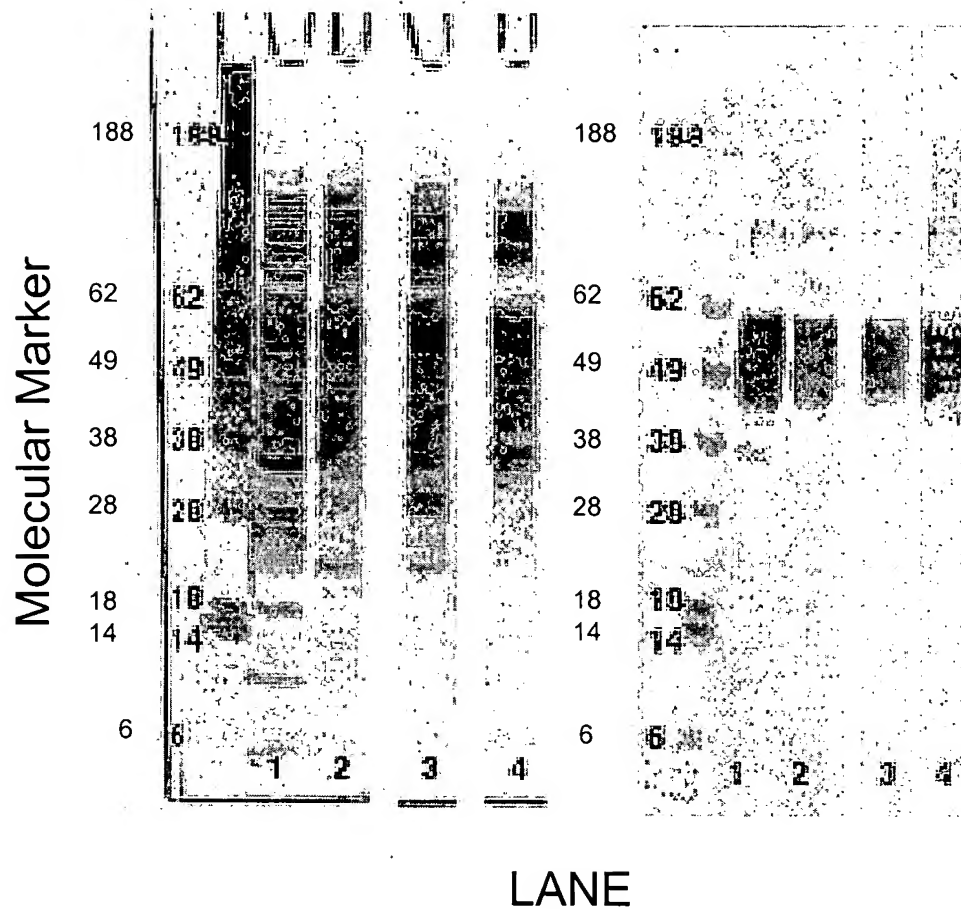


FIG. 7



LANE

1. Cell culture supernatant
2. Heparin concentration eluate
3. MEP Hypercell eluate
4. Protein-A eluate